IFW

DOCKETNÖ.: ELSE-0818/20030090

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Rodney C. Hemminger, et al.

Confirmation No.: 4421

Application No.: 10/618,129

Group Art Unit: 2829

Filing Date: July 11, 2003

Examiner: Kobert, Russell Marc

For: APPARATUS FOR METERING AT LEAST ONE TYPE OF ELECTRICAL POWER OVER A PREDETERMINED RANGE OF SERVICE VOLTAGES

EXPRESS MAIL LABEL NO: EL 999301842 US

DATE OF DEPOSIT: May 3, 2005

WEL999301842US

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

COMMUNICATION REGARDING INFORMATION DISCLOSURE STATEMENT

In the Notice of Allowance dated March 10, 2005, the Examiner indicated that references were not considered because copies of those references were not found in the parent application file. In a telephone discussion, the Examiner acknowledged that although the references were submitted in the parent application, they were not immediately available in the present application. Enclosed are courtesy copies of references 26, 41 thru 43, 161, 162, 166, 168, 170, 171, 174 thru 177, 184 thru 186 that were listed on the PTO Form 1449 originally filed October 8, 2003, a copy of which is attached to this communication. A copy of the date-stamped postcard dated October 14, 2003 is also attached. Accordingly, Applicants believe no fee is due for providing copies of these references. Further, it is applicants understanding, based on discussion with the Examiner, that all other references have been considered.

DOCKET NO.: ELSE-0818/20030090 PATENT

Initialed copies of the 1449 sent with the Information Disclosure Statement dated , were attached to the Official Action dated . However, Applicants note that the Examiner did not initial and/or sign Page of the PTO-1449. As this appears to be an administrative oversight, it is respectfully requested that the Examiner initial and date this page of the 1449 confirming that the references citing thereon have been considered. A clean copy of the PTO-1449 is enclosed for the Examiner's convenience.

The Commissioner is authorized to charge payment of any fees associated with this communication and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is submitted in

duplicate.

Date: May 3, 2005

Vincent J. Roccia Registration No. 43,887

WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 Telephone: (215) 568-3100

Facsimile: (215) 568-3439

© 2005 WW



Filed:

Serial No.:

10/618,129

July 11, 2003

October 8, 2003

Date Sent:

Docket No.:

ELSE-0818

Paper:

Applicant(s):

submitted, return postcard pages(s)); 235 reference(s) cited/ 35 references(s) w/ first class certification, USPTO-1449 (21 Information Disclosure Statement (in duplicate);

PATENT AND TRADEMARK OFFICE

RECEIVED BY THE UNITED STATES

Rodney C. Hemminger, et al.

APPARATUS FOR METERING AT LEAST A PREDETERMINED RANGE OF SERVICE ONE TYPE OF ELECTRICAL POWER OVER **VOLTAGES**

SentBy: VJR/DDeSanto

PATENT AND TRADEMARK OFFICE

Paper:

Information Disclosure Statement (in duplicate); w/ first class certification, USPTO-1449 (21

pages(s)); 235 reference(s) cited/35 references(s)

submitted, return postcard

Applicant(s): Title:

Rodney C. Hemminger, et al.

APPARATUS FOR METERING AT LEAST ONE TYPE OF ELECTRICAL POWER OVER A PREDETERMINED RANGE OF SERVICE

VOLTAGES

Serial No.:

10/618,129

Filed:

July 11, 2003

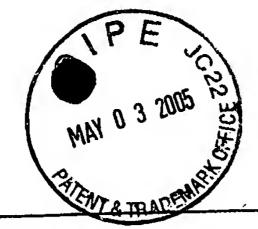
Docket No.: **Date Sent:**

ELSE-0818

October 8, 2003

SentBy:VJR/DDeSanto





List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. ELSE-0818	Application No. 10/618,129

Applicant

Rodney C. Hemminger, et al.

Filing Date
July 11, 2003

Group 2829 Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Subclass
Michai	2,724,821	11/22/55	E.Q. Schweitzer, Jr.		
	1	01/051074	Martin et al.		
	3,794,917	2//261974	Martin et al.		
	3 3,806,875	4//23/1974	Georget		
	3.826.985	7//301974	Wiley		
	3,976,941	8//241976	Milkovie		
	3	2//81977	Le Coturier		
	6 4,007,061			<u> </u>	
	7 4,034,292	7/5/1977	McClelland, III		
	8 4,077,061	2/28/1978	Johnston et al.		·
	9 4,092,592	5/30/1978	Milkovie		
	10 4,096,436	6/20/1978	Cook et al.		

FOREIGN PATENT DOCUMENTS

	T				Trans	lation
Examiner Initial		Document No.	Date	Country	YES	NO
RK	11	0 288 413 A1	10/1988	EPO	X	
RN	12	0 462 045 A1	12/1991	EPO	. X	
RU	13	1-239473	9/1989	JP	Abstract	
RK	14	1-239474	9/1989	JP	Abstract	
RK		1-239475	9/1989	JP .	Abstract	
	15			DATE CONSIDE	CRED 3-3-05	
EXAMINE		Mal				





List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Applicant

Rodney C. Hemminger, et al.

Filing Date Group 2829

July 11, 2003 Not Yet Assigned

U. S. PATENT DOCUMENTS

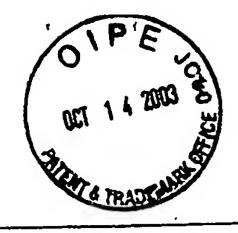
Examiner Initial	Doc No.	ument	Date	Name	Class	Subclass
		9,948	10/10/1978	Ward et al		
	16 ''	2,210				
	4 12	0,031	10/10/1978	Kincheloe et al.		
	17 4,12	0,031	10/10/15/0			
	4 12	1 944	12/26/1978	Hucker et al.		
	18 4,13	1,844	12/20/17/0			
	4 15	6,273	5/22/1979	Sato		
	19 4,10	0,4/0				
	4 15	6,931	5/29/1979	Adelman et al.		
	20 7,10	0,531	0,43,13,13			
	4 16	6 022	5/29/1979	Robinson et al.		
	21 4,1	6,932	JI BIST EST	100220		
		20 010	6/19/1979	Leskovar		
	22 4,13	58,810	0/89/29/7	Booke van		
		26 220	1/29/1980	Finger		
	23 4,1	86,339	1/67/1700	This		
	1	00.826	6/24/1980	Priemitz		·
	24 4,2	09,826	U/24/176U_			
	<u> </u>	10 110	7/15/1980	Ward et al.		
	25 4,2	13,119				

FOREIGN PATENT DOCUMENTS

					Translation	
Examiner Initial	Document No.	Date	Country	YES	NO	
1111111111		2 095 879	1/1982	Great Britain	 	
	26	2093013	1,1,0			
RK	27	61-11680	1/1986	JP	Abstract	
RIL	28	61-284670	12/1986	JР	Abstract	
RV	29	61-38569	2/1986	JP	Abstract	
RV	30	68113/87	8/1987	Australia	х	
EXAMINE				DATE CONSIDERED	3-3-0	5



korm P10-1449 Wodined				Docket No. ELSE-0818			
	Cite	ent and Publication d by Applicant al sheets if necessar		Applicant Rodney C. Hem	ıminger, e	t al.	
U.S Pa	. Depa tent an	rtment of Commerced Trademark Office	æ	Filing Date July 11, 2003	Group Not Ye	ر t Assigned	129
		U.	S. PATENT	DOCUMENTS			·
xaminer nitial		Document No.	Date	Name		Class	Subclass
uitiai	31	4,283,772	8/11/1981	Johnston			
	32	4,291,375	9/22/1981	Wolf			
	33	4,298,839	11/3/1981	Johnston			
	34	4,301,508	11/17/1981	Anderson et al.		·	
	35	4,315,248	2/9/1982	Ward			
	36	4,335,445	6/15/1982	Nercessian			
	37	4,355,361	10/19/1982	Riggs et al.			
	38	4,359,684	11/16/1982				
	39	4,361,877	11/30/1982				
	40	4,378,524	3/29/1983	Steinmüller			
		FOR	EIGN PATE	NT DOCUMEN	TS		
Examiner							ranslation
Initial		Document No.	Date	Country		YES	NO
	41	EP 0 092 303 B1	10/86	EPO			
	42	GB 2177 805 A	1/1987	Great Britain		*	
	43	WO 86/05887	10/1986	WO		×	
						. 	
				DATE CONS		7 7	



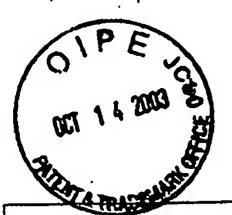
Form PTO-1449 Modified				Docket No. ELSE-0818	Application 10/618,1		
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Applicant Rodney C. Hen	nminger, e	t al.	
U.	S. Depa	artment of Commer	ce	Filing Date July 11, 2003	Group Not Yet	2829 Assigned	
	atent at			OCUMENTS			
•		Document O.	J. IAILINI				
xaminer nitial		No.	Date	Name		Class	Subclass
	44	4,389,702	6/21/1983	Clemente et al.			
	45	4,399,510	8/16/1983	Hicks			
	46	4,407,061	10/4/1983	Grodkiowicz et al.			
	47	4,415,853	11/15/1983	Fisher			
	48	4,420,721	12/13/1983	Dorey et al.			
	49	4,422,039	12/20/1983	Davie			
	50	4,437,059	3/13/1984	Hauptmann			
	51	4,438,485	3/20/1984	Veigt			
	52	4,439,764	3/27/1984	York et al.			
	53	4,467,434	8/21/1984	Hurley et al.			
		FOR	EIGN PATE	NT DOCUMEN	rs		
Examiner		D	Data	Country		YES	anslation NO
[nitial		Document No.	Date	Country		1 100	
·	-						
	-						
	-						
EXAMINE		11/11	1	DATE CON	SIDERED	7-7-	05



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Docket No. ELSE-0818	Applicat 10/618,1		
				Applicant Rodney C. Her			
U.S	S. Depa atent an	rtment of Commer d Trademark Offic	ce e	Filing Date July 11, 2003	Group Not Yes	287 t Assigned	9
			The second secon	DOCUMENTS			ų., ir
xaminer		Document No.	Date	Name		Class	Subclass
nitial	54	4,489,384	12/18/1984	Hurley et al.			
	55	4,497,017	1/29/1985	Davis			
	56	4,509,128	4/2/1985	Coppola et al.	·		
		4,516,213	5/7/1985	Gidden			
	58	4,542,469	9/17/1985	Brandyberry ct	al.		
	59	4,566,060	1/21/1986	Hocksma			
	60	4,581,705	4/8/1986	Gilker et al.			
	61	4,600,881	7/15/1986	LaRocca et al.			
	62	4,607,320	8/19/1986	Matui et al.			
	63	4,621,330	11/4/1986	Weikel			
		FOR	EIGN PATE	NT DOCUMEN	TS		
Examiner		Document No.	Date	Country		Tra YES	
Initial		Document					
	-						
	+						
	ER Z			DATE CON	SIDEREI	3-3-	05



List of Patent and Publications				Docket No. ELSE-0818	Application 10/618,1		
				Applicant Rodney C. Hen	nminger, et	al.	
U.S Pa	S. Depar	rtment of Commerced Trademark Office	e :	Filing Date July 11, 2003	Group Not Yet	2829 Assigned	
				DOCUMENTS			
xaminer		Document No.	Date	Name		Class	Subclass
nitial	64	4,622,627	11/11/1986	Rodriguez et al.			
	65	4,623,960	11/18/1986	Eng			
	66	4,642,634	2/10/1987	Gerri et al.			
	67	4,646,084	2/24/1987	Burrowes et al.			
	68.	4,686,460	8/11/1987	Stevens et al.			
	69	4,692,874	9/8/1987	Mihara			
	70	4,697,180	9/29/1987	Swanson			
	71	4,700,280	10/13/1987				
	72	4,701,858	10/20/1987				
	73	4,713,608	12/15/1987	Catiller et al.			
		FOR	EIGN PATE	ENT DOCUMEN	NTS	70	anslation
Examiner		Daniel Ala	Date	Country		YES	NO
Initial		Document No.	Date	004443			
	-						
	-						
<u> </u>							
			2	DATE CON	CINEDEN	7 7 -	



List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No.
ELSE-0818

Application No. 10/618,129

Applicant

Rodney C. Hemminger, et al.

Filing Date
July 11, 2003

Group 2829 Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial	Docume No.	nt Date	Name	Class	Subclass
	74 4,754,219	6/28/1988	Milkovie		
	4,757,450	7/12/1988	Benghiat		
	13		Illama		
	76 4,761,72	8/2/1988	Henze		
	77 4,794,36	12/27/1988	Haford		-
		2/7/1989	Frew et al		
	78 4,803,63	2///1909			
	79 4,814,75	7 3/21/1989	Patterson et al.		
	80 4,831,32	7 5/16/1989	Chénier et al.		
	4,853,62	·	Halder et al.		
	81 4,833,02				
	82 4,862,49	8/29/1989	Venkataraman et al.		
	4,866,58	7 9/12/1989	-Wadlington		
	83 1,000,50				

FOREIGN PATENT DOCUMENTS

E				Translation		
Examiner Initial	Document No.	Date	Country	YES	NO	
·						
EXAMINER			DATE CONSIDE	RED 3-3-05	,	



For	Form PTO-1449 Modified				Applicat 10/618,1	•	
	Cite	tent and Publication d by Applicant al sheets if necessar		Applicant Rodney C. Hen	nminger, et	al.	
U.S Pa	S. Depa	rtment of Commercial Trademark Office	ce e	Filing Date July 11, 2003	Group Not Yet	2829 Assigned	
		U.	S. PATENT	DOCUMENTS			
Examiner Initial		Document No.	Date	Name		Class	Subclass
HILLAL		4,881,027	11/14/1989	Joder et al.			
	84	4,881,070	11/14/1989	Burrowes et al.			
· · · · · · · · · · · · · · · · · · ·	86	4,884,021	11/28/1989	Hammond et al.	•		
	87	4,896,106	1/23/1990	Voisine et al.			
	88	4,902,964	2/20/1990	Szabela et al.			
	89	4,902,965	2/20/1990 3/13/1990	Bodrug et al. Fest			
	90	4,908,569 4,908,769	3/13/1990	Vaughan et al.			
	91	4,922,187	5/1/1990	Beverly, II			
	92	4,922,399	5/1/1990	Tsuzuki			-
		FOR	EIGN PATE	NT DOCUMEN	TS		
T		1				Translation	
Examiner Initial		Document No.	Date	Country		YES	NO
IIIIUAI							
<u></u>							
	-						
EXAMINE	- /	////		DATE CONS	INERED	7-7-	0



			Docket No. Application No. 10/618,129				
	Cite	ent and Publication d by Applicant al sheets if necessar		Applicant Rodney C. Hem	minger, et	al.	
U.S Pa	S. Depa atent an	rtment of Commerced Trademark Office	æ	Filing Date July 11, 2003	Group Not Yet	0-820 Assigned	ĭ
		U.	S. PATENT I	OCUMENTS			<u></u>
Examiner Initial		Document No.	Date	Name		Class	Subclass
	94	4,931,725	6/5/1990	Hutt et al.			
	95	4,949,029	8/14/1990	Cooper et al.			
	96	4,951,052	8/21/1990	Jacob et al.			
	97	4,956,761	9/11/1990	Higashi			
	98	4,975,592	12/4/1990	Hahn et al.			
	99	4,977,368	12/11/1990	Munday et al.			
	100	4,978,911	12/18/1990	Perry et al.			
	101	4,998,061	3/5/1991	Voisine et al.			
	102	4,999,569	3/12/1991	Weikel			
	103		4/23/1991	Coppola et al.			
		FOR	EIGN PATE	NT DOCUMEN	TS		
Examiner				Commen		YES	ranslation NO
Initial		Document No.	Date	Country		1 23	1.0
						· ·	
EXAMINE	CR			DATE CONS	IDERED	3-3-	05



& TRAIN					Annlinetian Ma	
Fo	rm PT	O-1449 Modifie	e d	Docket No. ELSE-0818	Application No. 10/618,129	
	Cite	tent and Publication d by Applicant all sheets if necessar		Applicant Rodney C. Hem	minger, et al.	
U. P	S. Depa atent an	artment of Commercial Trademark Office	ce e	Filing Date July 11, 2003	Group 282 Not Yet Assigned	•
		U.	S. PATENT	DOCUMENTS		
Examiner Initial		Document No.	Date	Name	Class	Subclass
	104	5,014,213	5/7/1991	Edwards et al.		
	105	5,017,860	5/21/1991	Germer et al.		
	106	5,019,955	5/28/1991	Hoeksma	·	
	107	5,032,785	7/16/1991	Mathis et al.		
	108	5,059,896	10/22/1991	Germer et al.		
	109	5,122,735	6/16/1992	Porter et al.		
	110	5,140,511	8/18/1992	Lee et al.		
	111	5,151,866	9/29/1992	Glaser et al.		
	112	5,153,837	10/6/1992	Shaffer et al.		
	113	5,173,657	LLILLITY	Holdsclaw		
		FOR	EIGN PATE	NT DOCUMEN		
Examiner Initial		Document No.	Date	Country	YES	ranslation NO
			·			
······						
EV A NATRIK	D /			DATE CONS	IDERED 3-3-	05
EXAMINE		Mul)		DILLECTION		© 20



For	m PT	O-1449 Modifie	e d	Docket No. ELSE-0818	Application N 10/618,129	o. 	
•	Cite	ent and Publication d by Applicant al sheets if necessar		Applicant Rodney C. Hem	minger, et al.	,	
U.S Pa	S. Deparatent an	rtment of Commerced Trademark Office	ce e	Filing Date July 11, 2003	Group 25 Not Yet Assis	129 gned	
	,, .	U.	S. PATENT 1	OOCUMENTS			····
Examiner		Document No.	Date	Name	Clas	s	Subclass
nitial	134	5,175,675	12/29/1992	Uramete			·
	114	5,181,026	1/19/1993	Granville			
	116	5,184,064	2/2/1993	Vicknair et al.			
	117	5,229,713	7/20/1993	Bullook et al.			
	118	5,245,275	9/14/1993	Germer et al.			
	119	5,268,633	12/7/1993	Balch			
	120	5,270,958	12/14/1993	Dastous			
	121	5,287,287	2/15/1994	Chamberlain et a	1.		
	122	5,296,803	3/22/1994	Kirby et al.	·		
	123	5,315,527	5/24/1994	Beckwith			
		FOR	EIGN PATE	NT DOCUMEN	TS		
Examiner Initial		Document No.	Date	Country	7	Trai	slation NO
AHILIGA							
							· ·
						 	
				DATE CONS	SIDERED 3-	7-0	
EXAMINE		formal .		DATE CONS		- 0	



List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No.
ELSE-0818

Application No. 10/618,129

Applicant

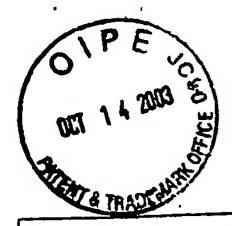
Rodney C. Hemminger, et al.

Filing Date
July 11, 2003

Group 2129 Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner		Document			Class	Subclass
Initial		No.	Date	Name	Class	Subciass
	984	5,325,051	6/28/1994	Germer et al.		
	124					
	125	5,391,983	2/21/1995	Lisignan et al.		
	126	5,457,621	10/10/1995	Munday et al.		
		0.405.175	2/27/06	Cotroneo		
	127	5,495,167	2/27/96			
	128	5,537,029	7/16/1996	Hemminger et al.		
	129	5,539,304	7/23/96	Payne et al.		
	130	-5,544,089	8/6/1996	Hemminger et al.		
	131	5,548,209	8/20/1996	Lusignan et al.		
	132	5,548,527	8/20/1996	Hemminger et al.		
	133	5,555,508	9/10/1996	Munday et al.		
	134	5,903,145	5/11/1999	Hemminger et al.		
	135	6,229,295 B1	5/8/2001	Hemminger et al.		
	136	5,621,629	04/97	Hemminger, et al.	363	56
	137	6,097,182	08/00	Hemminer, et al.	324	142
	138	5,742,151	04/98	Hwang	323	222
	139	5 909 455	09/98	Schwartz, et al.	323	271
	140	2 560 818			363	21.12
EXAMINE				DATE CONSIDERI	ED 7-3-	-05



Docket No. ELSE-0818

Application No. 10/618,129

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

Applicant Rodney C. Hemminger, et al.

U.S. Department of Commerce Patent and Trademark Office

Filing Date
July 11, 2003

Group 3829 Not Yet Assigned

U. S. PATENT DOCUMENTS

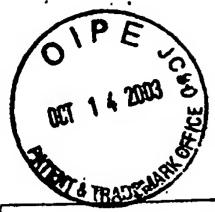
Examiner	1 1	Document	Date	Name	Class	Subclass
nitial		No.	12/23/80	Paraskevakos, et al.		106.06
	141	1,241,237	12/23/00	Taraskevakos, et ar.	379	100.00
	142	1,335,447	06/15/82	Jerrim-	714	22
		1,455,453	06/19/84	Paraskevakos, et al.	379	106.06
·	143	4,620,150	10/28/86	Germer et al	324	103.12
	1.4.4			Swanson		870.03
	145	4,639,728	01/27/87		340	
	146	4,682,169	07/21/87	Swanson	379	102.07
	147	4,697,181	09/29/87	Swanson	340	870.02
		4,697,182	09/29/87	Swanson	340	870.02
		4,804,957	02/14/89	Selph, et al.	340	870.03
	149	4,999,572	03/12/91	Bickford, et al.	324	103R
	150			T-1:2 -A-a1		10510
	151	5,146,394		Ishii, et al.	363	16
	152	5,237,511	-08/17/93	Caird, et al	702	58
	153	5,289,115	02/22/94	Germer, et al.	324	107
		5,469,049	11/21/95	Briese, et al	324	76.77
	154	5,471,137	11/28/95	Briese, et al.	324	158.1
	155		07/16/96	Hemminger, et al.		
	156	5,537,333			702	60
-	157	5,621,629	04/15/97	Hemminger, et al.	363	56.1
	158	5,631,554	05/20/97	Briese, et al	324	76.77
	159	5,631,843	05/20/97	Munday, et al	700	286
	160	5,691,634	11/25/97	Lowe	324	107



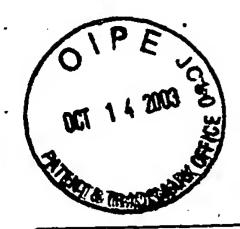
Form PTO-1449 Modified			Docket No. ELSE-0818	Application No. 10/618,129		
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Rodney C. Hemm	inger, et al.			
Pater	nt and Ti	ent of Commerce rademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned		
(OTHER	DOCUMENTS (Incl	uding Author, Title, I	Date, Pertinent Pages, Etc.)		
	161	Til Natoring " G	EF Motors Rrochura-Son	ne Electronic Polyphase Demand Meter, GE nersworth, NH, Sept. 1989		
	162	OA Kingston et al.	Multi Function Polyphases s Electricity Management	Metering - An Integrated Approach,		
RK	163	Garverick, Steven L. et al ISSCC91/Session 2/Low-	., "A Programmable Mixed Temperature Circuits and Spanies Conference 1991	-Signal ASIC of Power Metering, pecial-Purpose Processors/Paper WP 2.4, IEEE		
PL	164	Garverick, Steven L, et al	., "A Programmable Mixed- ol 26 No. 12 December 1	Signal ASIC for Power Metering, TEEE Journal		
19-	165	GOW, J., Electrical Meter	ring Practices, 1973 - Copy	of Reference not available		
	166	Rlindverbrauchzuhlung."	Siemens Magazine, pp. 34.	9-Zoll-Einbaughehause für Wirkverbrauch-und		
	167		Metering, 1981 - Copy of B			
	168	Markember 6 1	090	hler fur Wir -und Blindverauch," Neue Zurcher		
RK	169	Inc. and In the Matter of	In the Matter of Australian Patent Application No. 688711 in the name of ABB Power Lot Leoning Inc. and In the Matter of Opposition thereto by Electrowatt Technology Innovation Corporation,			
	170	In the Matter of Australia	n Patent Application 68871	1 in the name of ABB Power T&D Company In ratt Technology Innovation Corporation, Revised of Opposition, February 19, 1999.		
EXAMINE	CR		DATE	CONSIDERED 3-3-05		



Form	Form PTO-1449 Modified			Application No. 10/618,129				
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			inger, et al.				
U.S. D Pater	Department and Tr	ent of Commerce rademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned				
(THER	DOCUMENTS (Include	ling Author, Title,	Date, Pertinent Pages, Etc.)				
	* / *	Landis & Gyr, "Electronic M						
RK				nual, Solid State Meter Class 20, Form 9S, 1st ical Manual Polyphase Solid State Meter, Landis				
DK	173	& Gyr I afavette Indiana (d	late unavailable)					
	174	Landis & Gyr, 7MA110m40						
	175	Landis & Gyt, "Z.T. Procisio	The same of the sa					
	176	Daviery Santamber 1074		Solid-State Measuring Elements," Landis & Gyr				
	177	Lester, G, "A Communication From Hand Held Units," GE	C Meters, UK	g and Programming Electronic Metering Devices				
Re	178	No. 6-7, 1991, pp. 320-323,	M. Schwendtner, et al., "Elektronischer Haushaltszähler" Elektrontechnische Zeitschrift etz, Vol. 112, No. 6-7, 1991, pp. 320-323, together with an English translations of the same (Electronic Domestic					
Ru	179	McGrath, Donald T, Signal	McGrath, Donald T, Signal Processing Considerations in Power Management Applications, GD					
Ru	180	MT100 Electronic Time-of-Use Register Instruction Manual 0505, Schlumberger Industries, December 1991						
EXAMINE	R		DATI	E CONSIDERED 3-3-05				

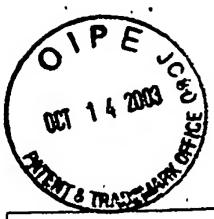


To TRADE			T	A lication No			
	PTO-	1449 Modified	Docket No. ELSE-0818	Application No. 10/618,129			
C	ited by	and Publications Applicant neets if necessary)	Applicant Rodney C. Hemm	inger, et al.			
U.S. De Patent	epartm and T	ent of Commerce rademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned			
O	THER	DOCUMENTS (Inclu	ding Author, Title,	Date, Pertinent Pages, Etc.)			
		Negahahan M. A DSP Bas	ed Watthour Meter, Silico	on Systems, Inc., November 23, 1988			
Re	181						
RK	182		-: Unan Ama Aman I Nath	"IEEE International Solid State Circuits t Ed. NY, NY, USA 15-17, Feb. 1989 Australian Design Award 1998," pp.1-16			
au	183	Nilsen, "EMS 2100 Electric	city Consumption Analyze	er-Ausualian Dosign Hward 2000, PP			
	184	P.R. Hutt, et al, "Design, B	enefits and Flexibility in I	Intelligent Metering Technology," Pelymeters			
	104	Limited, UK					
	185	Product Brochure: "KVI Po	Hyphase Combination Me	eter," Dated July 1700			
	100	•					
	186	Progress in the Art of Mete	ring Electric Energy, Ins	stitute of Electrical & Electronic Engineers,			
				r's Guide, Document A-117350, Revision L.,			
RK	187						
RK	188	March 1983		400, Preliminary Instruction Manual Draft III,			
Ru	189	Quantum Technical Guide	•	- 0101 0101 0200 0210 0220 and			
OK	190	Quantum Electronic Meters, S	Quantum Electronic Meter Field Reference Manual For Q101, Q111, Q121 Q200, Q210, Q220 and Q230 Electronic Meters, Schlumberger Industries, prior to 1991 (Mark Unavariable)				
EXAMINE	R	1///		E CONSIDERED 3-3-05			



Form	PTO-	1449 Modified	Docket No. ELSE-0818	Application No. 10/618,129			
	Cited by	and Publications Applicant neets if necessary)	Applicant Rodney C. Hemminger, et al.				
U.S. I Pater	Department and Tr	ent of Commerce rademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned			
	OTHER	DOCUMENTS (Include	ling Author, Title, Da	ate, Pertinent Pages, Etc.)			
RK	191	ST-MT100 Electronic Time-	of-Use Instruction Manual	0505, Sangamo Westing, Inc., May 1987.			
RK	192			chlumberger Industries, September 1988.			
RK	193			53, Schlumberger Industries, Sept. 1988			
RK	194		W Mania Mahlal	10255, Schlumberger Industries, 1988			
Ru	195			10255, Schlumberger Industries November			
pe	196	Translam, Atlanta GA 37	al I no 61-63 Dec. 1990	and Signal Analysis," Georgia Institute of			
RK	197	Instruments April 1990		Metering and Telemetering Applications, Texas			
PK	198	Three-Phase, Watt-Hour Me					
RK	199	Usenko, VV et al. "Meter For Recording the Energy of Single and Rarely-Repeateing Ultrahigh- Energy Pulses," Radiotekhnika, Kharkov, Ukranian SSR, No. 86, pp. 44-48, 1988, 2 REF Month Design, Benefits and Flexibility in Intelligent Metering					
	200	Hutt, P.R. et al., "Design, Benefits and Flexibility in Intelligent Metering Technology", Polymeters Limited, United Kingdom, 67-71					
EXAMINE	CR	Le fer /	DATE	CONSIDERED 3-3-05			
	1			© 2003 WW			

.



TE TRANSPORT					
Form PTO-1449 Modified	Docket No. ELSE-0818	Application No. 10/618,129			
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Rodney C. Hemminger, et al.				
U.S. Department of Commerce Patent and Trademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned			
OTHER DOCUMENTS (In	cluding Author, Title, I	Pate, Pertinent Pages, Etc.)			
1983, 228-236		riple Output Power Supply", PCI, April			
February 1990, Rac	RM-10 Metronic Portable Watthour Standard-Operations Manual Revisions E, February 1990, Radian Research, Inc., Power and Energy Measurement Specialists RM-10, RM-12, RM-15 Operations Manual, Radian Research, Inc.				
the District of Delay	Memorandum Order(Claim Construction)- In the United States District Court for the District of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management Services, Inc., Civil Action No. 01-077-SLR, March 27, 2003				
205 Complaint for Pate 5,457,621, 5,621,62 Non-Infringement 5,631,554, In the Un Automation, Inc., v. 01-77, February 12.	ent Infringement of U.S. 9, 5,903,145, and 6,097, and Invalidity of U.S. Inited States District Courses Schlumberger Resource 2001	Patent Nos. 5,548,527, 5,555,508, 182 and for Declaratory Judgment f Patent Nos. 5,469,049, 5,471,137, and Hor the District of Delaware, ABB Management Services, Inc., Case No:.			
Judgment of Non- Entitled to Relief, ABB Automation, I No: 01-77, June 12	Infringement, Invalidit In the United States Dist Inc., v. Schlumberger Re 2, 2001	ingement and for Declaratory y and/or that Schlumberger is not rict Court for the District of Delaware, source Management Services, Inc., Case			
207 Answer and Affirm Counterclaims for and/or Unenforces Court for the District Management Services	Declaratory Judgment ability and for Patent In ct of Delaware, ABB Au ces, Inc., Case No:. 01-7	Amended Complaint and t of Non-Infringement, Invalidity infringement, In the United States District itomation, Inc., v. Schlumberger Resource 7, July 2, 2001			
Counterclaims for and/or Unenforce Court for the District Management Servi	Declaratory Judgmen ability and for Patent I ict of Delaware, ABB Auces, Inc., Case No. 01-7	t of Non-Infringement, Invalidity, infringement, In the United States District atomation, Inc., v. Schlumberger Resource 7, August 8, 2001			
209 Reply and Affirm Response to ABB Court for the Distr	ative Defenses to Schlu	mberger's Counterclaims Filed in mplaint, In the United States District atomation, Inc., v. Schlumberger Resource			
EXAMINER	DAT	E CONSIDERED 3-3-05			



THAUS		A dissaiss No			
Form PTO-1449 Modif	Docket No. ELSE-0818	Application No. 10/618,129			
List of Patent and Publication Cited by Applicant (Use several sheets if necess	Applicant	Applicant Rodney C. Hemminger, et al.			
U.S. Department of Comme Patent and Trademark Offi	Filing Date July 11, 2003	Group 2829 Not Yet Assigned			
OTHER DOCUMEN	TS (Including Author, Ti	itle, Date, Pertinent Pages, Etc.)			
210 ARR's First	Set of Interrogatories (No	os. 1-22), In the United States District Court			
for the Distri	for the District of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management Services, Inc., Case No. 01-77, September 14, 2001				
211 Schlumberg	er's First Set of Interroga	atories to Plaintiff, In the United States			
District Cour	District Court for the District of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management Services, Inc., Case No. 01-077, September 21, 2001				
Resource ivia	magement services, inc., C	irst Set of Interrogatories (Numbers 1-22)			
In the United Inc., v. Schlu	In the United States District Court for the District of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management Services, Inc., Case No.: 01-77,				
November 1	, 2001	-Lihaussia First Sat of Interrogatories			
(Nos. 1-29), Automation, 01-77, Nove	In the United States District, Inc., v. Schlumberger Resember 7, 2001	chlumberger's First Set of Interrogatories of Court for the District of Delaware, ABB ource Management Services, Inc., Case No:			
214 Schlumbers	ger's First Supplemental	Answers to ABB's First Set of			
Interrogato of Delaware	Interrogatories (Numbers 1-22), In the United States District Court for the District of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management Services, Inc., Case No.: 01-77, November 29, 2001				
Services, in	c., Case No 01-77, Novem	rogatories to Plaintiff, In the United States			
District Cou	art for the District of Delaw	Case No: 01-77, December 12, 2001			
216 ARR's Fire	t Supplemental Response	es and Objections to Schlumberger's First			
Set of Inter	rogatories (Nos. 1-29), In	the United States District Court for the			
District of I	Delaware, ABB Automation	n, Inc., v. Schlumberger Resource			
Managemer	at Services, Inc., Case No:.	01-77, January 23, 2002			
217 Schlumber	ger's Second Supplement	tal Answers to ABB's First Set of			
Interrogate	ortes (Numbers 1-22). In the	he United States District Court for the Distri			
of Delaware	of Delaware, ABB Automation, Inc., v. Schlumberger Resource Management				
Services, In	ic., Case No:. 01-77, Januar	ry 29, 2002			
District Co	urt for the District of Delaw	ogatories to Plaintiff, In the United States ware, ABB Automation, Inc., v. Schlumberge			
Resource N	lanagement Services, Inc.,	Case No:. 01-77, February 18, 2002			
219 Reply and Filed in Re	Affirmative Defenses to S	Schlumberger's Amended-Counterclaims Amended Complaint, In the United States			
District Cor Resource N	Management Services, Inc.,	ware, ABB Automation, Inc., v. Schlumberg Case No:. 01-77, February 20, 2002			
EXAMINER		DATE CONSIDERED J-3-05			



Form	PTO-1	449 Modified	Docket No. ELSE-0818	Application No. 10/618,129		
			ELSE-0818	10/010,127		
List of	Patent a	and Publications	A134			
(Cited by	Applicant	Applicant	Applicant Rodney C. Hemminger, et al.		
(Use se	everal sh	eets if necessary)	Rodney C. Hennin	mger, et an		
			711 5	Group 2829		
U.S. D	epartme	ent of Commerce	Filing Date	Not Yet Assigned		
		ademark Office	July 11, 2003			
(THER	DOCUMENTS (Inc	luding Author, Title, l	Date, Pertinent Pages, Etc.)		
	220	Schlumberger's Ans	wers to ABB's Second	Set of Interrogatories (Number 23),		
	į	T II The Act Charles I	Noteint Court for the Ut	smct of Delawate, ABB retoined,		
		Inc., v. Schlumberger	Resource Managemen	Services, Inc., Case No: 01-77, July		
		4.6.0000				
	221	ABB's Second Supp	lemental Responses a	ad Objections to Schlumberger's Firs		
		Cat of Independent	ee Mae 1-29). In the U	miled States District Coget for the		
	1	District of Delaware	ARR Automation, line.	V. Schlimoeiger Kesource		
·		Management Service	es, Inc., Case No:. 01-77	, March 18, 2002		
	222	A TOTAL TO A Committee	mandal Dagmanggg and	Objections to be multiper ger 3 beest.		
		CLA - FI - FOR THE CAME	ACTION SILL IN THE	Diffed States District Court ion and		
		District of Delaware	, ABB Automation, me	v. Schlumberger Resource		
		Management Service	es, Inc., Case No: 01-7	SLR March 16, 2002		
	223	ABB's Response an	d Objections to Schlu	mberger's Third Set of Interrogatorie		
		AT ANT ILL TIME	AN Chatae Dietmet Colle	Ant the District of Delaware, 1122		
		Automation, Inc., v.	Schlumberger Resource	e Management Services, Inc., Case No:		
	1	01-77SLR, March 2	5, 2002			
	224	ABB's Second Set	of Interrogatories (No	23), In the United States District Court		
		for the District of D	elaware, ABB Automat	ion, inc., v. Schiumberger Resource		
		A famount Coming	es Inc Case No. 01-7	7SLR. June 19, 2002		
	225	Till-staned Dance	tion anon Oral Exam	nation of Glenn A. May held mending		
		TION OF THE PARTY	State District CO	in for the District of Delaware, 1222		
. 1		Automation, Inc.	Schlumberger Resource	e Management Services, Inc., Case No:		
•		AL TOOLD Amount	20 2002			
	226	A DDS Thind Comm	Jomental Dechanges 9	nd Objections to Schlumberger's Firs		
		Cat of Infortanto	ries (Nos. 1-29); In the	United States District Court for the		
		District of Delawar	e ARR Automation. III	C. A. 2CHIMIDEIREI IVC200100		
		Make coment Cervie	res Inc. Case Not. 01-	//SLR, September 3, 2002		
	227	7	Ismantal Damonca 97	d Objections to Schumberger 3		
		A - I	who I Inited States I 11st	act Court for the District of Doughard,		
		ABB Automation,	Inc., v. Schlumberger r	esource Management Services, Inc., Ca		
	\mathcal{X}	NA. OI TICID CA	intember 6, 2002			
7	228		tamental Docmance at	d Objections to Schlumberger's		
			1988 I Jackad States I Net	act Chill for the Distrocor Donners		
		ABB Automation,	Inc., v. Schlumberger	tesource Management Services, Inc., Ca		
		No. 01-77SLR. Se	eptember 6, 2002			
•		110 01 11555	A CONTRACTOR OF THE PARTY OF TH	TE CONSIDERED 3 3-05		



Form PTO-1449 Modified	Docket No. ELSE-0818	Application No. 10/618,129	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Rodney C. Hemm	Applicant Rodney C. Hemminger, et al.	
U.S. Department of Commerce Patent and Trademark Office	Filing Date July 11, 2003	Group 2829 Not Yet Assigned	
OTHER DOCUMENTS	(Including Author, Title, I	Pate, Pertinent Pages, Etc.)	
Court for the Dis Management Ser 230 Schlumberger's Interrogatories of Delaware, AB Services, Inc., Carries October 1990, page 232 Quantum® Q200 Date November	Third Supplemental Answeries (Numbers 1-22), In the Union B Automation, Inc., v. Schlase No.: 01-77SLR, Septembers 1-22 O Series System Measuremental System Measuremental Automation of the Union System Measuremental Automatical System Measuremental Automatical System Measuremental Automatical System Measuremental Automatical Au	vers to ABB's First Set of ted States District Court for the District umberger Resource Management	
	nical Guide, July 1989		
Judgment of No.	on-Infringement, Invalidit ief, In the United States Dist on, Inc., v. Schlumberger Re	ofringement and for Declaratory y and/or that Schlumberger is not rict Court for the District of Delaware, source Management Services, Inc., Case	
EVAMINED	DATE	CONSIDERED 3-3-05	